

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 19453  
Application ID: 10065599  
Title of Invention: SIMPLIFIED ANTENNA  
STRUCTURES FOR LOGGING  
TOOLS  
First Named Inventor: David L. Smith  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-11-01   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 24.0853CIP  
Digital Certificate Holder: cn=Brigitte LaNette Jeffery, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: EWrtMQH0Ylq6FTRioWb55w==  
Total Fees Authorized: \$1320.0  
  
Payment Category: DA - Deposit Account  
Deposit Account Number: 190610  
Deposit Account Name: Brigitte L. Jeffery

## TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:Submission Type: Utility Patent  
FilingJC474 US PRO  
10/065599  
11/03/02**SIMPLIFIED ANTENNA STRUCTURES  
FOR LOGGING TOOLS**

First Named Inventor: David L. Smith

## SUBMITTED BY

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*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their*

representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

**Attached Files:**

declaration	240853d1.tif
declaration	240853d2.tif
declaration	240853d3.tif
bibd-transmittal	SUBMIT853apds.xml
us-information-disclosure-statement	SUBMIT853ids.xml
fee-transmittal	SUBMIT853fee.xml
patent-assignments	SUBMIT853asgn.xml
specification	240853.xml

**Attached Image File(s):**

240853d1.tif
240853d2.tif
240853d3.tif

**Comments:**

**DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SIMPLIFIED ANTENNA STRUCTURES FOR LOGGING TOOLS**

the specification of which

[ X ] is attached hereto

[ ] was filed on \_\_\_\_\_

as Application Serial Number \_\_\_\_\_

or PCT International Application Number \_\_\_\_\_

and was amended on (if applicable) \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1 56(a)

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

YES [ ] NO _____ (Number) (Country)	/	/	/	[ ]
YES [ ] NO _____ (Number) (Country)	/	/	/	[ ]
YES [ ] NO _____ (Number) (Country)	/	/	/	[ ]

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
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Application No.	Filing Date
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I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<b>10/113,686</b> Application Serial No.	<b>29 March 2002</b> Filing Date	<b>Pending</b> Status-patented, pending, abandoned
Application Serial No.	Filing Date	Status-patented, pending, abandoned

As a named inventor, I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: John J. Ryberg, #31,134; Brigitte L. Jeffery, #38,925; Victor H. Segura, #44,329; J. L. (Jennie) Salazar, #45,055, and Kevin P. McEnaney, #46,258. I hereby request that all correspondence, notices, official letters and other communication be directed to Schlumberger Technology Corporation, ATTN: IP Counsel, P. O. BOX 2175, Houston, Texas 77252-2175; and that all telephone calls be directed to Brigitte L. Jeffery, at (281) 285-7067, Schlumberger Oilfield Services, P. O. BOX 2175, Houston, Texas 77252-2175. Our Customer Service No. is 23718.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST INVENTOR

Signature

Date 11/1/02

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Date

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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1320**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 190610



Deposit Account Name: Schlumberger Oilfield Services

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Brigitte L. Jeffery

Electronic Signature Mark: Brigitte L. Jeffery

Date Signed: 20021101

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 50	1202	\$ 18	30	\$ 540
Independent Claims: 3	1201	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 540

**ADDITIONAL FEES**

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40